Troubleshooting Guide

152 Chainsaw

WARNING: Always stop unit and disconnect spark plug before performing all of the recommended solutions below except solutions which require operation of the unit.

If you are still experiencing problems after checking all possible causes and solutions, please contact your servicing dealer.

Problem	Possible Cause	Solution
Engine will not start	Bad or old fuel mix	Make sure the unit has fresh fuel (less than 30 days old) and correct 2-cycle oil mix.
	Ignition switch is turned off	Make sure the ignition switch (D) is in the start position “I”, see Fig. 1.
	Spark plug wire disconnected	Make sure the spark plug wire is properly connected. With the ignition switch off, remove the air filter cover and verify that the spark plug boot is pushed completely down on the spark plug, see Fig. 2.
	Improper starting procedure	Follow correct starting procedure: **Starting Cold Engine** 1) Turn ignition switch (D) on by moving switch to the start position “I”, see Fig. 1. 2) Slowly push the primer bulb (C) 6 to 8 times, see Fig. 1. 3) Pull the choke lever (E) out to the full choke position, see Fig. 1. 4) Depress the compression relief valve (F), see Fig. 3. The compression relief valve will automatically reset after the first firing of the engine. 5) Pull the starter rope rapidly until the engine attempts to start or starts momentarily. 6) Push the choke lever (C) completely in to the run position, see Fig. 1. 7) Pull starter rope rapidly until engine starts. 8) Once the engine is running accelerate with the throttle (I), to release the half-throttle lock device, see Fig. 4. **Starting Warm Engine** 1) Turn ignition switch (D) on by moving switch to the start position “I”, see Fig. 1. 2) Depress the compression relief valve (F), see Fig. 3. The compression relief valve will automatically reset after the first firing of the engine. 3) Pull starter rope rapidly until engine starts.

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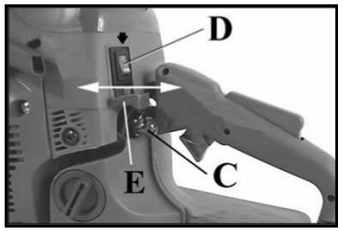

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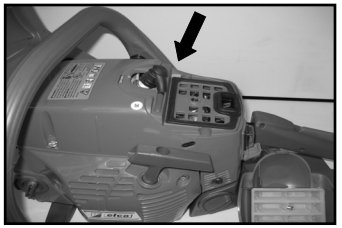

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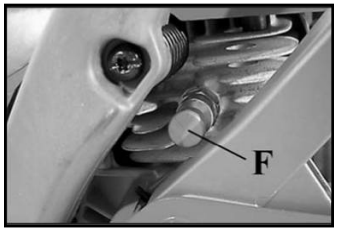

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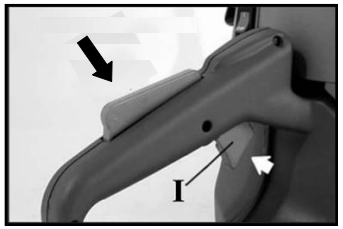

WARNING: Never touch or adjust the chain while the engine is running. The saw chain is very sharp! Always wear protective gloves when performing maintenance to the chain.

Problem	Possible Cause	Solution
Engine starts and runs, but the chain is not rotating	Chain brake engaged	Release chain break, see Fig. 5.
	Chain tension too tight	Properly adjust chain tension: 1) Loosen the guide bar nuts (A) slightly, see Fig. 6. 2) Turn the chain tensioning screw (E) counter-clockwise to loosen chain tension, see Fig 7. 3) Lift the tip of the guide bar up to check for chain sag, see Fig. 8. Release the tip of the guide bar and turn the chain tensioning screw (E) 1/2 turn clockwise, see Fig. 7. Repeat this process until sag does not exist. 4) Hold the tip of the guide bar up and tighten the bar nuts securely, see Fig. 9. 5) The chain is correctly tensioned when there is no slack on the underside of the guide bar, the chain is snug, but it can be turned by hand without binding, see Fig. 10.
	Guide bar and chain incorrectly assembled	Refer to Owner's Manual for proper installation.
Bar and chain running hot and smoking	Bar and chain oil tank empty	Fill oil tank with bar and chain oil.
	Chain tension too tight	Properly adjust chain tension following above instructions.
	Oiler not functioning	Run at full throttle for 30 seconds. Stop saw and check for oil dripping from guide bar. If oil is present the chain may be dull or the guide bar may be damaged. Have chain sharpened or replace chain and guide bar as needed. If no oil then contact Servicing Dealer.
Poor cutting performance	Chain installed backwards	Properly install chain on guide bar. The cutters on the top of the guide bar should face toward the bar tip, in the direction of the chain rotation, see Fig. 11. Refer to Owner's Manual for proper installation.
	Dull or damaged chain	Inspect chain for dull or damaged cutters. Have chain sharpened or replaced as needed.

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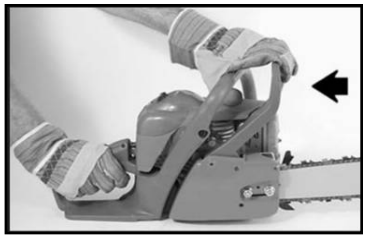

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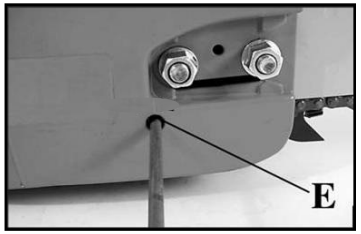

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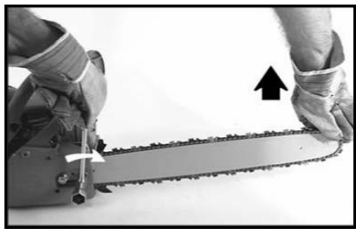

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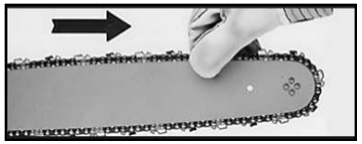

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